

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A communication control device for communicating with a communication device b1 with a first communication function and communicating with a communication device a2 with a second communication function, comprising:

a first attribute information storage unit ~~for~~ storing attribute information regarding a third communication function of the communication device a2, and storing attribute information regarding a communication function other than the first communication function and the second communication function for the communication device a2;

an accepting unit ~~for~~ accepting a request for communication from a user by means of a communication device having a communication function other than the first communication function and the second communication function;

an attribute information transmission unit ~~for~~ transmitting attribute information regarding the communication device a2 stored in ~~the said~~ first attribute information storage unit to the communication device b1 with the first communication function based on the request accepted by ~~the said~~ accepting unit;

an attribute information receiving unit ~~for~~ receiving attribute information that includes at least a communication address for a communication device b2 having the third communication function from the communication device b1 after the attribute information is transmitted by the said attribute information transmission unit; ~~and~~

a first attribute notifying unit ~~for~~ notifying the communication device a2 with the second communication function of the communication address obtained by ~~the said~~ attribute information receiving unit; ~~and unit.~~

a first extraction unit extracting at least one communication device including, the communication device a2, stored in said first attribute information storage unit as candidates based on the attribute information.

wherein said attribute information transmission unit transmits attribute information regarding the candidates extracted by said first extraction unit to the communication device b1 with the first communication function.

the attribute information stored in said first attribute information storage unit includes function information regarding functions of the communication devices,

said accepting unit accepts designation of one of the functions stored in said first attribute information storage unit, and

said first extraction unit extracts the communication devices having a function accepted by said accepting unit as the candidates,

2. **(Currently Amended)** A communication control device according to claim 1, further comprising a first attribute information obtaining unit for obtaining attribute information regarding the a communication function other than the first communication function and the second communication function from at least one communication device with the second communication function, wherein:

the first attribute information storage unit stores ~~the~~ attribute information obtained by the first attribute information obtaining unit.

3-4. **(Canceled)**

5. **(Currently Amended)** A communication control device according to claim 13, wherein ~~the said~~ attribute information receiving unit receives attribute information for at least one communication device having the a communication function other than the first communication function and the second communication function, including the communication device b2, from the communication device b1, the communication control device further comprising:

a first determining unit ~~for~~ determining an optimal combination of the communication devices based on ~~the~~ attribute information of ~~the~~ candidates extracted by ~~the~~ said first extraction unit and the attribute information received by ~~the said~~ attribute information receiving unit, wherein

~~the~~ said first attribute notifying unit will provide a communication address in accordance with ~~the~~ determination by ~~the~~ said first determining unit.

6. **(Currently Amended)** A communication control device according to claim 5, wherein ~~the said~~ first determining unit evaluates all ~~of the combinations of the candidates extracted by the~~ the said first extraction unit and the communication devices received by ~~the said~~ attribute information receiving unit, receives evaluation results ~~at~~ evaluated by the communication device b1 from the communication device b1, and determines the optimal combination of communication devices based on sums of ~~both one of the evaluation results evaluated by said~~ first determining unit and one of the evaluation results evaluated by the communication device b1 results.

7. **(Currently Amended)** A communication control device for communicating with a communication device a1 with a first communication function, comprising:

a second attribute information storage unit ~~for~~ storing attribute information that includes at least a communication address for a third communication function of a communication device b2 different from the communication device a1;

a request receiving unit ~~for~~ receiving attribute information regarding a communication device a2 having the third communication function from the communication device a1; and

a response transmission unit ~~for~~ transmitting the attribute information that includes at least ~~the a~~ communication address of the communication device b2 which is stored in ~~the said~~ second attribute information storage unit to the communication device a1 with the first communication function, in response to ~~the reception of the attribute information by the said~~ request receiving unit.

wherein the attribute information stored in said second attribute information storage unit includes function information regarding functions of the communication devices~~unit.~~

8. **(Currently Amended)** A communication control device according to claim 7, wherein the communication control device is connected to the third communication device b2 with the second communication function, and the communication control device further comprises:

a second attribute notifying unit ~~for~~ notifying the communication device b2 of a communication address of the communication device a2 which is received by ~~the said~~ request receiving unit with the second communication function.

9. **(Currently Amended)** A communication control device according to claim 7, ~~wherein the communication control device is connected to the third communication device b2 with the second communication function, the communication control device further comprising:~~

wherein the communication control device is connected to the third communication device b2 with the second communication function, the communication control device further comprising:

an attribute information obtaining unit ~~for~~ obtaining attribute information on ~~the a~~ communication function other than the first communication function and the second communication function from at least one communication device with the second communication function, wherein

~~the said~~ second attribute information storage unit stores ~~the~~ attribute information obtained by ~~the said~~ attribute information obtaining unit.

10. **(Currently Amended)** A communication control device according to claim 7, wherein:
the second attribute information storage unit stores attribute information on ~~the a~~ communication function other than the first communication function and the second communication function for each of a plurality of communication devices; and

~~the said~~ request receiving unit receives attribute information regarding ~~the~~ communication function other than the first communication function and the second communication function for at least one communication device, including the communication device a2; and

the communication control device further comprising:

a second extraction unit ~~for~~ extracting at least one candidate for a communication device which has ~~the a~~ communication function other than the first communication function and the

second communication function, including the communication device b2, based on ~~the~~ attribute information of the communication device received by ~~the~~ said request receiving unit, wherein ~~the~~ said response transmission unit transmits ~~the~~ attribute information of ~~the~~ candidates extracted by ~~the~~ said second extraction unit to the communication device a1 with the first communication function.

11. **(Currently Amended)** A communication control device according to claim 10, further comprising a second determining unit ~~for determining~~ an optimal combination of the communication devices based on ~~the~~ attribute information of ~~the~~ candidates extracted by ~~the~~ said second extraction unit and ~~the~~ attribute information of the communication devices received by ~~the~~ said request receiving unit.

12. **(Currently Amended)** A communication control device according to claim 11, wherein ~~said~~ the second determining unit evaluates all ~~of the~~ combinations of the candidates extracted by ~~the~~ said second extraction unit and the communication devices received by ~~said~~ the request receiving unit, receives evaluation results evaluated by ~~at~~ the communication device a1 from the communication device a1, and determines the optimal combination of communication devices based on sums of one of the both evaluation results evaluated by the second determining unit and one of the evaluation results evaluated by the communication device a1 results.

13. **(Currently Amended)** A communication control method executed by a communication control device for communicating with a communication device b1 with a first communication function and communicating with a communication device a2 with a second communication function, comprising:

a first attribute information ~~storing-obtaining~~ step that ~~stores-obtains~~ attribute information regarding a third communication function of the communication device ~~a2~~, and storing attribute information regarding a communication function other than the first communication function and the second communication function for the communication devices ~~a2~~;

an accepting step that accepts a request for communication from a user by means of a communication device having a communication function other than the first communication function and the second communication function;

an attribute information transmission step that transmits attribute information of the communication device a2 ~~stored-obtained~~ in the first attribute information ~~storing-obtaining~~ step to the communication device b1 with the first communication function based on the request accepted in the accepting step;

an attribute information receiving step that receives attribute information that includes at least ~~the-a~~ communication address for a communication device b2 having the third communication function from the communication device b1, after the attribute information is transmitted in the attribute information transmission step; and

a first attribute notifying step that notifies the communication device a2 of the communication address obtained in the attribute information receiving step with the second communication function; ~~and function-~~

a first extraction step for extracting at least one communication device including, the communication device a2, stored in the first attribute information storage step as candidates based on the attribute information,

wherein the attribute information transmission step transmits attribute information regarding the candidates extracted by the first extraction step to the communication device b1 with the first communication function,

the attribute information stored in the first attribute information storage step includes function information regarding functions of the communication devices,

the accepting step accepts designation of one of functions stored in the first attribute information storage step, and

the first extraction step extracts the communication devices having a function accepted by the accepting step as the candidates,

14. **(Currently Amended)** A communication control method executed by a communication

control device for communicating with a communication device a1 with a first communication function, comprising:

a second attribute information storing step that stores attribute information that includes at least a communication address for a third communication function of a communication device b2 different from the communication device a1;

a request receiving step that receives attribute information regarding a communication device a2 having the third communication function from the communication device a1; and

a response transmission step that transmits ~~the~~ attribute information that includes at least ~~the a~~ communication address of the communication device b2 which is stored in the second attribute information storing step to the communication device a1 with the first communication function, in response to reception of ~~the~~ attribute information in the request receiving ~~step, step,~~ wherein the attribute information stored in said second attribute information storage step includes function information regarding functions of the communication devices.